

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-29. (Canceled)

30. (New) A method of controlling setting-up a connection in a mobile communication system, comprising:

storing, in at least one subscriber database, subscriber-oriented data for a subscriber registered in a home mobile radio network;

entering the subscriber-oriented data in another subscriber database when the subscriber moves; and

setting-up a connection for the subscriber with a mobile station using a mobile switching center in a visited mobile radio network, the mobile switching center being coupled to another subscriber database;

wherein:

a subscriber number profile, which contains valid call numbers for all registered subscribers, is stored in another subscriber database and, when the subscriber moves into the visited mobile radio network, the subscriber number profile is also stored in the subscriber database; and

the mobile switching center compares the call numbers from the subscriber number profile with a called party address for a call which is initiated by the subscriber and, when a call number matches the called party address, a connection is set up to a service control point which translates the called party address into a new called party address and sends the new called party address to the mobile switching center to set-up a connection.

31. (New) The method of claim 30, wherein the called party address includes an internal network call number format that is translated, by the service control point, into the new called party address, the new called party address having an international call number format.

32. (New) The method of claim 30, wherein, in addition to the valid call numbers, the subscriber number profile contains one of a service key and a service control point address of the service control point.

33. (New) The method of claim 31, wherein, in addition to the valid call numbers in the subscriber number profile the subscriber profile contains one of a service key and a service control point address of the service control point.

34. (New) The method of claim 30, wherein abbreviated call numbers are stored as valid call numbers in the subscriber number profile.

35. (New) The method of claim 34, wherein a service is used by the subscriber by dialing an abbreviated call number.

36. (New) The method of claim 35, wherein a mailbox is called by the subscriber by dialing an abbreviated call number.

37. (New) The method of claim 30, wherein a mailbox is called by the subscriber by dialing an abbreviated call number.

38. (New) The method of claim 30, wherein the valid call numbers in the subscriber number profile are stored with one of a complete number of call number digits and an abbreviated number of call number digits, and wherein the valid call numbers are each compared with a corresponding number of call number digits of the called party address.

39. (New) The method of claim 30, wherein:
the subscriber-oriented data comprises service data; and
the mobile switching center evaluates the service data, sets up a call to a service control point, evaluates call numbers of the subscriber number profile with respect to the called party address, and sets up a further connection to a service control point.

40. (New) A mobile communication system for controlling a call connection, comprising:

a first memory means for storing subscriber-oriented data and a subscriber number profile having a valid call number for a subscriber registered in a home mobile radio network; and

second memory means for storing the subscriber-oriented data and the subscriber number profile when the subscriber moves into a visited mobile radio network;

a mobile switching center coupled to the second memory means for setting up connections with the subscriber's mobile station, the mobile switching center comprising:

memory means for storing a subscriber number profile having call numbers that are valid for all registered mobile subscribers, and control means for transmitting the subscriber number profile in accordance with the updating procedure when the subscriber moves into a visited mobile radio network; and

control means for comparing call numbers from the subscriber number profile with a called party address sent by the mobile station, and for setting up a connection to a first service control point when the called party address matches a valid number in the subscriber number profile; and

control means in the first service control point for translating the called party address into a new called party address and for sending the new called party address back to the mobile switching center for setting up a new call connection with the mobile station.

41. (New) The system of claim 40, wherein the called party address includes an internal network call number format that is translated by the first service control point, into the new called party address , the new called party address having an international call number format.

42. (New) The system of claim 40 , wherein, in addition to the valid call number, the subscriber number profile contains one of a service key and a service control point address of the service control point.

43. (New) The system of claim 41, wherein, in addition to the valid call number in the subscriber number profile the subscriber profile contains one of a service key and a service control point address of the service control point.

44. (New) The system of claim 40, wherein an abbreviated call number is stored as the valid call number in the subscriber number profile.

45. (New) The system of claim 44, wherein the mobile switching center sets up the new call connection with the mobile station using a service corresponding to the abbreviated call number.

46. (New) The system of claim 44, wherein the mobile switching center sets up the new call connection with the mobile station to a mailbox corresponding to the abbreviated call number.

47. (New) The system of claim 40, wherein the valid call number in the subscriber number profile is stored with one of a complete number of call number digits and an abbreviated number of call number digits, and wherein the valid call number is compared with a corresponding number of call number digits of the called party address.

48. (New) The system of claim 40, wherein the first service control point is part of an intelligent network.

49. (New) The system of claim 40, wherein the subscriber-oriented data includes service data, and wherein in the mobile switching center further comprises: evaluation means for evaluating the service data for the valid call number from the subscriber number profile corresponding to the called party address, wherein the control means sets up the new call connection to a second service control point.

50. (New) The system of claim 40, wherein the home mobile radio network further comprises:

execution means for executing an update procedure and storing the subscriber oriented data and the subscriber number profile from the first memory means into the second memory means.

51. (New) The system of claim 40, wherein the visited mobile radio network further comprises:

execution means for executing an update procedure and storing the subscriber oriented data and the subscriber number profile from the first memory means into the second memory means.

52. (New) The system of claim 40, wherein the subscriber number profile contains data for all subscribers registered in the home mobile radio network.

53. (New) The system of claim 40, wherein the subscriber number profile contains a plurality of valid call numbers.

53. (New) The method of claim 30, wherein the service control point is part of an intelligent network.

55. (New) The method of claim 30, wherein storing the subscriber-oriented data and the subscriber number profile in another subscriber database when the subscriber moves into a visited mobile radio network further comprises:

executing an update procedure in a computer control unit in at least one of the home mobile radio network and the visited mobile radio network.

56. (New) The method of claim 30, wherein the subscriber number profile contains data for all subscribers registered in the home mobile radio network.

57. (New) The method of claim 30, wherein the subscriber number profile contains a plurality of valid call numbers.